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(56) Documents Cited

**WO 99/20607 A1**  
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**(YAMANOUCHI PHARMACEUTICAL CO., LTD)**

(58) Field of Search

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(54) Abstract Title

**Amide derivatives as beta 3 agonists**

(57) Amide derivatives are selective  $\beta_3$  adrenergic receptor agonists with very little  $\beta_1$  and  $\beta_2$  adrenergic receptor activity and as such the compounds are capable of increasing lipolysis and energy expenditure in cells. The compounds thus have potent activity in the treatment of Type II diabetes and obesity. The compounds can also be used to lower triglyceride levels and cholesterol levels or raise high density lipoprotein levels or to decrease gut motility. In addition, the compounds can be used to reduced neurogenic inflammation or as antidepressant agents. Compositions and methods for the use of the compounds in the treatment of diabetes and obesity and for lowering triglyceride levels and cholesterol levels or raising high density lipoprotein levels or for increasing gut motility are also disclosed.

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